

## **PRIMARY-BACKUP GROUP WITH BACKUP**

### **RESOURCES FAILOVER HANDLER**

#### **ABSTRACT OF THE DISCLOSURE**

Failover processing that accommodates failures of backup computing nodes  
5 and resources, such as data storage units and printers. Failure of a computing  
node that controls resources causes another computing node to assume control of  
the resources controlled by the failed node. Failure of the primary computing node  
causes another computing node, at either the same or at a different site, to be  
selected as the new primary node. Failure of a resource at the primary site causes  
10 the site with the next highest priority backup resource to become the new primary  
site. Failure of a backup computing node causes a new backup node at the same  
site as the failed backup node to replace the failed backup node as host for the  
site's resources. Backup mirroring data flows are then adjusted to reflect the new  
functions of the affected nodes.